

## WHAT IS CLAIMED IS:

1. A method of notifying a component of a service provider associated with a telephone system, wherein the service provider receives a block of telephone numbers including contaminated and uncontaminated numbers within a received block of telephone numbers, the contaminated numbers being unavailable for use by the receiving service provider, the method comprising:
  - 5 requesting a block of telephone numbers from a number pool;
  - receiving the requested block of telephone numbers from the number pool;
  - 10 retrieving from a database a list comprising a plurality of contaminated numbers included in the received block of received numbers; and
  - retrieving from a database, a location routing number of a switch associated with the plurality of uncontaminated numbers included in the received block of numbers.
- 15 2. The method of claim 1, comprising receiving the list of contaminated numbers and the location routing number from a single database.
3. The method of claim 1, further comprising transmitting the list of contaminated numbers to a component of the service provider.
- 20 4. The method of claim 3, wherein the component comprises a billing system.
5. The method of claim 3, wherein the component comprises a facility maintenance system.

6. The method of claim 1, further comprising transmitting the location routing number of the switch to which the received block of numbers are associated to a component of the service provider.

5 7. The method of claim 6, wherein the component is a billing system.

8. The method of claim 6, wherein the component comprises a facility maintenance system.

10 9. A system for notifying business components of a service provider of contaminated numbers in a received block of telephone numbers and associating a new location routing number with the uncontaminated numbers in the received block of telephone numbers, the system comprising:

15 an interface for communicating between a number pooling authority and a component of the service provider;

a database comprising a list of contaminated numbers in the block of telephone numbers received by the service provider; and

20 a database comprising a location routing number of a switch associated with the uncontaminated numbers in the block of telephone numbers received by the service provider.

10. The system of claim 9, further comprising receiving the list and the location routing number from a single database.

25 11. A computer-readable medium containing computer-readable instructions for performing the method of claim 1.